1:Spier E-5 (1918) 1928
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853 The child is put to breast two days after birth. He is not fed during the intervening period.

854 The cradle is made by the expectant woman's mother or grandmother before the child is born. The baby is placed in it as soon as he is washed. It is bedded with a little Hopi blanket on which cedarbark, [459] rubbed soft, is heaped; after the infant is put in position with his arms at his sides, more bark is heaped on, then the blanket is wrapped tightly about him. Infants are kept in the cradle most of the time until they are able to walk. On the whole, a woman does not carry the cradle much on her back, but more frequently in her arms, in which she resembles the [174] Pueblo woman.[1] This is probably due to the sedentary life she lives. The only reason assigned for the use of the cradle is that it has always been the custom. "If the baby is not placed in the cradle, he may move about and, turning on his face, suffocate."[2] The hoop is designed to prevent this calamity by keeping the mother's blanket off the infant's face and to save him from injury in case the cradle falls. Evidently a larger cradle is made when the infant grows, since one specimen seen, much smaller than the others, must have been that of a young infant. The [842] cradle is kept for the next child when its use is finished. If broken, it is thrown away, not burned, because that would cause barrenness.

The cradleboard consists of an oval frame with nearly parallel sides, across which small sticks are closely spaced except at the rounded ends. The frame is made of two U-shaped rods, with their arms nicely trimmed and lapped. These pieces are green branches which are bent, tied, and buried in damp sand to set in the shape of a U. The cross pieces are placed as close together as possible, being bound to the frame by a continuous strand of sinew or buckskin which passes once diagonally over the end of each cross stick. The whole wrapping is liberally daubed with pifion pitch. A strip of cloth (buckskin?) is laid along each side of the frame to cover this wrapping. This is held in place by the tie loops, buckskin thongs, which are always four in number. Two broad tying bands are used: one tied to the uppermost loop, the second to the third loop on the same side. These are tied as shown in Fig. 55. The carrying strap is a broad band, sometimes a Hopi or Navaho woven belt, fastened to the frame one third of the distance from the top. Not all cradles have such straps. The hoop is a broad wicker band. It is made with about forty slender twigs for warps which are bound side by side

[1] I have not seen children carried astride on the back by women nor astride on the hip.
[2] Also for the Papago and Pima the cradle is not primarily for transportation but for the infant to sleep in (Kissell, 148).

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854 The baby's first
thin hair is sometimes clipped off and tied in cloth in little bundles which
[852] [827] are swung from the hoop. This is so that the hair will grow thick; if these were thrown away the hair would not grow. When the end of the
[846] umbilical cord drops off, it is similarly wrapped and hung on the hoop.
[732] If it is lost or thrown away the child will grow up idiotic. When at last the child can walk, the dry cord is ground to a powder which is smeared
856 longitudinally around his body from head to crotch and up the back to the head. This is done so that the cord will not be lost, i.e., it is returned to his body so that he will always have it. Mothers object somewhat to
[531] selling these articles with the cradle. The ornamentation of the cradle does not differ for boy or girl.

262 The parents of infants must exercise a number of precautions. The
853 new mother must eat only corn soup in order to have a free flow of milk. Corn or bean mush is far too mealy. Similarly salt will dry up the flow; for salt on the ground makes it hard. And if her husband eats meat the woman will be harmed just as though she had partaken. Although
262 mountain lion flesh is sometimes eaten, it cannot be eaten or even touched
[753] by those who have babes in arms, for the latter will pine, their eyes sink in, their bellies ache, and diarrhoea ensues. This also applies to the flesh of a deer slain by a mountain lion. The parents of crawling children do
[856] not kill snakes for fear that the child will resemble the snake, i.e., not be strong enough to walk at the proper time. Infants are not permitted to
[753] eat salt; it would cause white sores on the tongue.

854 No special prayers are offered for the growth of a child, nor is any reason assigned for the growing process, it is so "just because the child suckles and eats." A fretful nursing infant is given an adult's finger to
862 suck. Weaning is begun when the child can walk a few steps unsupported; when it runs alone, the process is ended. During this period the child is given a little of everything others eat (and it includes a vast array of indigestible foods!) for there are no special foods for weaning.

Names

551 Havasupai names are freely used in address or reference: they have no special emotional or religious significance. They are even told to strangers without much hesitation. This seems to be a corollary both of their insignificant character, for they are mostly nicknames or meaningless words, and of their being labels casually given by others rather than names assumed. Undoubtedly this common use of names accounts in
[601] part for the imperfect usage of relationship terms, to which I have referred. They do not like to name the dead, relatives or others, but their

interest if it is a boy.

In former times, the ear lobes of a newborn infant were pierced. A long string attached to each ear lobe was ornamented with turquoise beads. 846 854 [301 304]

The infant is usually fed as soon as colostrum appears, or a day or two after birth. The feeding schedule is regulated by the baby's demands or by the mother's desire for relief when her breasts are full. Formerly, if the mother died at the birth or during the nursing period, or if her milk supply failed, the baby was given second place at the breast of another nursing mother. If this milk supply was not adequate for both babies, the second infant was fed a soup made by boiling dried peaches, or a liquid in which mashed juniper berries had been soaked. If no wet nurse was available, the baby was fed entirely on peach soup and a little of the juniper berry juice. In post-contact times, sugar was added to these liquids. At least one elderly man now living is said to have survived on sweetened peach soup until he could digest thin corn gruel. At present, many babies are fed entirely or partially on a formula of equal parts of canned milk and water. 853 [177]

Birth practices for babies born at home have remained essentially as they have been described. However, today many births are attended by white physicians. Babies born in hospitals, of course, do not receive the customary body molding and painting nor the yucca suds bath. There seems to be no consistent effort to perform these acts after the infant is brought home, but from the time he leaves the hospital, routine is much the same as it was in earlier times. 844 177

A couple's firstborn child may receive more attention from the mother than do the later children. A mother usually has full responsibility for her first child, with the exception of some assistance from the baby's grandmothers or unmarried aunts. If the infant happens to have a young aunt in the same household, the aunt may be assigned to tend the baby a large part of the time. Children who are born second, third, or later in a family usually are left with an older sibling while the mother works. If there is a grandmother in the residence group, she also assists with the care of the baby. 854

When the baby is about two weeks old, he is bound tightly in the cradle, which is placed in an upright position for short intervals. Whenever the cradle is in a vertical position, with the infant's arms bound inside, the baby is watched closely to make sure he does not slip down and strangle on the binding strap or smother in the blanket.

When the baby's navel cord drops off, it is wrapped in buckskin or cloth and tied to the hood of the cradle. One informant stated that if this were not done the baby's chest would become flat instead of developing the proper depression in the center. 826 846

524 177 hood for both boys and girls. These have been superseded by commercially manufactured toys.

853 The breast (or a bottle) is almost invariably offered when a young baby cries. When the infant is four or five months old, he is fed fresh peaches, mashed by the mother's fingers on the metate, or soup from stewed, dried peaches. He also receives some premasticated morsels of corn or other items from the family meals, transferred by the mother's fingers from her mouth. At about one year the baby eats thin cornmeal mush, and the softer foods are no longer specially prepared for him, but meat and other coarse foods are ground on the metate, or premasticated until the baby has enough [462] teeth to chew adequately. An informant stated, "The mother does most of the feeding, but if she is busy, the father will do it. A man likes to do things for his baby."

Sitting and Crawling

854 868 At three or four months of age an infant is removed from the cradle and encouraged to sit alone. He is also permitted freedom to crawl on the ground. No babies were observed scampering rapidly over the ground in the way an experienced crawler will do on a smooth floor. An infant crawling out-of-doors appears to move cautiously, stopping frequently to sit up and handle clods, rocks, and sticks, or to investigate any obstacle he encounters. Parents usually let a baby explore unhindered. However, when an object is taken from a baby, it is not grabbed hastily nor is the baby handled roughly when he is removed from a place where the adults think he should not be. Parental behavior tends to be calm and gentle. If a protest is forthcoming from an infant whose play has been interrupted, it is seldom more than a puckered face or a brief wail. The mother may distract the baby with a toy, or she may simply turn her attention elsewhere after quietly telling the baby to be still. The baby may attempt to recapture his mother's attention, but he quickly loses interest and resumes his playing.

231 Dogs, which are attached to every household, may approach a cradled child to sniff or lick his hands or face. An infant seldom shows fear of a dog, but if he does, the dog is quickly and loudly driven away. This constitutes the most frequent occurrence of harshness in connection with the baby, for a dog is often addressed sharply and may be kicked or beaten if it doesn't respond immediately. Nevertheless, dogs are nearly always within the baby's range of vision, and by the time he reaches the crawling stage, a baby begins to play with any dog that stays within reach of his hand. The dog's ears and tail may be pulled or twisted, or its eyes poked by small fingers; later, as the child grows more active, a dog is sat upon, tumbled about, and pinched; and still later on, it is lassoed, tied, and dragged about.

757 [753] [262] It is believed that blisters on the tongue or inside the mouth of a nursing infant are a result of the mother's breaking the salt taboo. The blisters are treated